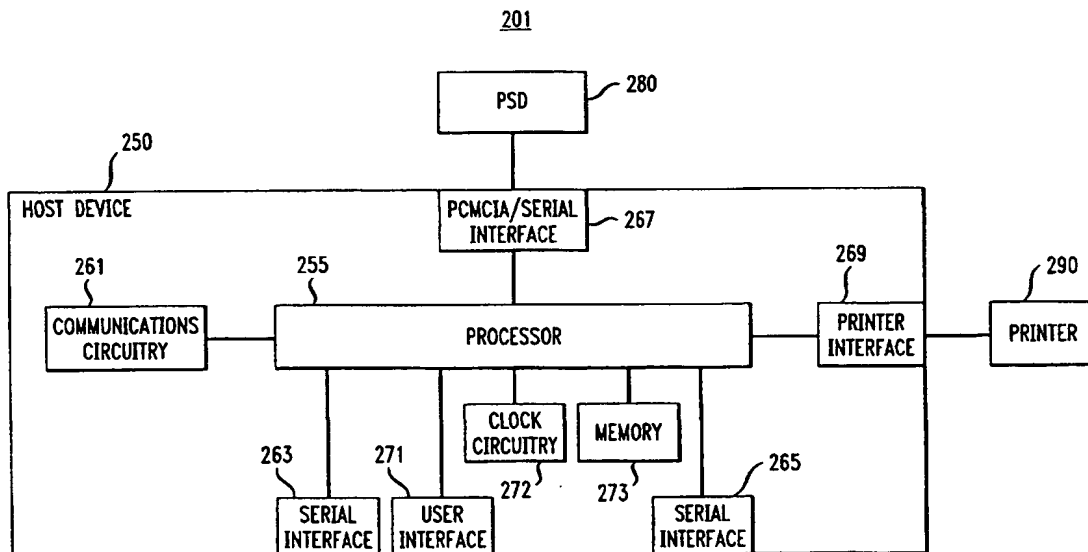




INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : G07B		A2	(11) International Publication Number: WO 99/16023
			(43) International Publication Date: 1 April 1999 (01.04.99)
(21) International Application Number: PCT/US98/19652		(81) Designated States: CA, JP, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).	
(22) International Filing Date: 21 September 1998 (21.09.98)			
(30) Priority Data: 60/059,486 22 September 1997 (22.09.97) US		Published <i>Without international search report and to be republished upon receipt of that report.</i>	
(71) Applicant (for all designated States except US): ASCOM HASLER MAILING SYSTEMS, INC. [US/US]; 19 Forest Parkway, P.O. Box 858, Shelton, CT 06484-0904 (US).			
(72) Inventors; and (75) Inventors/Applicants (for US only): SCHWARTZ, Robert, G. [US/US]; 191 Linden Avenue, Branford, CT 06405 (US). BROOKNER, George, M. [US/US]; 11 Surrey Drive, Norwalk, CT 06851 (US). NACLERIO, Edward [US/US]; 49 Scenic Road, Madison, CT 06443 (US). ZUIDEMA, Eric [US/US]; 4 Kendall Court, Norwalk, CT 06850 (US).			
(74) Agent: YIP, Alex, L.; Attorney at law, P.O. Box 670425, Flushing, NY 11367 (US).			

(54) Title: TECHNIQUE FOR EFFECTIVELY GENERATING MULTI-DIMENSIONAL SYMBOLS REPRESENTING POSTAL INFORMATION



(57) Abstract

In a mailing system for franking a postage indicium serving as a proof of postage, postal data including the postage needs to be communicated through such an indicium. Illustratively, the postal data is categorized into (a) invariable postal data, e.g., a device ID identifying the mailing system, which is unaffected by a franking transaction, and (b) variable postal data, e.g., the postage, which may change from one franking transaction to another. To avoid latency of the franking operation, the invariable postal data is preset for initial printing of the postage indicium, and the variable postal data is determined and set for printing in real time. In printing the postage indicium, the invariable postal data and the variable postal data are presented in that order in one or more symbols.

FOR THE PURPOSES OF INFORMATION ONLY

Codes used to identify States party to the PCT on the front pages of pamphlets publishing international applications under the PCT.

AL	Albania	ES	Spain	LS	Lesotho	SI	Slovenia
AM	Armenia	FI	Finland	LT	Lithuania	SK	Slovakia
AT	Austria	FR	France	LU	Luxembourg	SN	Senegal
AU	Australia	GA	Gabon	LV	Latvia	SZ	Swaziland
AZ	Azerbaijan	GB	United Kingdom	MC	Monaco	TD	Chad
BA	Bosnia and Herzegovina	GE	Georgia	MD	Republic of Moldova	TG	Togo
BB	Barbados	GH	Ghana	MG	Madagascar	TJ	Tajikistan
BE	Belgium	GN	Guinea	MK	The former Yugoslav Republic of Macedonia	TM	Turkmenistan
BF	Burkina Faso	GR	Greece			TR	Turkey
BG	Bulgaria	HU	Hungary	ML	Mali	TT	Trinidad and Tobago
BJ	Benin	IE	Ireland	MN	Mongolia	UA	Ukraine
BR	Brazil	IL	Israel	MR	Mauritania	UG	Uganda
BY	Belarus	IS	Iceland	MW	Malawi	US	United States of America
CA	Canada	IT	Italy	MX	Mexico	UZ	Uzbekistan
CF	Central African Republic	JP	Japan	NE	Niger	VN	Viet Nam
CG	Congo	KE	Kenya	NL	Netherlands	YU	Yugoslavia
CH	Switzerland	KG	Kyrgyzstan	NO	Norway	ZW	Zimbabwe
CI	Côte d'Ivoire	KP	Democratic People's Republic of Korea	NZ	New Zealand		
CM	Cameroon			PL	Poland		
CN	China	KR	Republic of Korea	PT	Portugal		
CU	Cuba	KZ	Kazakstan	RO	Romania		
CZ	Czech Republic	LC	Saint Lucia	RU	Russian Federation		
DE	Germany	LI	Liechtenstein	SD	Sudan		
DK	Denmark	LK	Sri Lanka	SE	Sweden		
EE	Estonia	LR	Liberia	SG	Singapore		